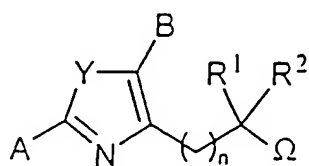
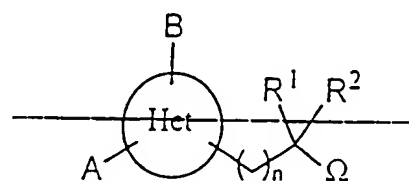


Listing of Claims:

Claim 1 (currently amended) A method of inhibiting monoamine oxidases and lipidic peroxidation and modulating activity vis-à-vis sodium channels in warm-blooded animals comprising administering to warm-blooded animals in need thereof an amount of a compound of the formula

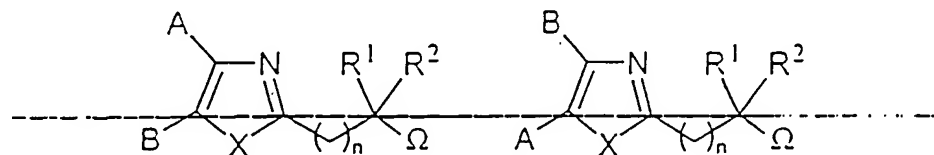


(I)₃



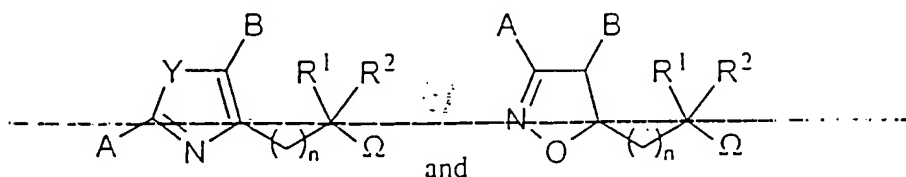
(I)

in racemic, enantiomeric form or any combination of these forms, in which Het is a heterocycle with 5 members comprising 2 heteroatoms and such that general formula (I) corresponds exclusively to one of the following sub[-]formulae:



(I)₁

(I)₂



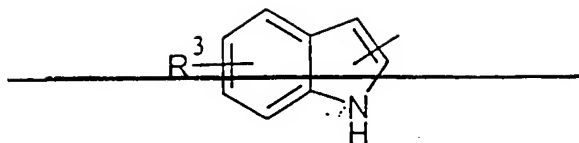
(I)₃

(I)₄

in which

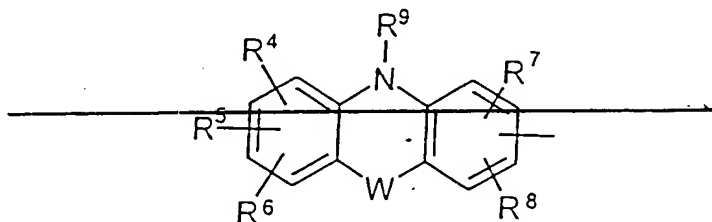
A represents is

either a



radical in which R³ represents a hydrogen atom, the OH group or an alkoxy or alkyl radical,

or a



radical in which R⁴, R⁵, R⁶ and R⁸ represent independently, a hydrogen atom, a halogen, the OH group or an alkyl, alkoxy, cyano, nitro or NR¹⁰ R¹¹ radical,

R¹⁰ and R¹¹ representing, independently, a hydrogen atom, an alkyl radical or a

-COR¹² group, or R¹⁰ and R¹¹ forming together with the nitrogen atom an optionally

substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the

~~nitrogen atom already present, the additional heteroatoms being chosen independently from the group constituted O, N and S atoms,~~

~~R¹² representing a hydrogen atom or an alkyl, alkoxy or N¹³R¹⁴ radical,~~

~~R¹³ and R¹⁴ representing, independently, a hydrogen atom or an alkyl radical, or R¹³ and~~

~~R¹⁴ forming together with the nitrogen atom an optionally substituted heterocycle~~

~~containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already~~

~~present, the additional heteroatoms being chosen independently from the group~~

~~constituted by the O, N and S atoms,~~

~~R⁹ represents a hydrogen atom, an alkyl radical or a COR¹⁵ group,~~

~~R¹⁵ representing a hydrogen atom or an alkyl, alkoxy or NR¹⁶R¹⁷ radical,~~

~~R¹⁶ and R¹⁷ representing, independently, a hydrogen atom or an alkyl radical, or R¹⁶ and~~

~~R¹⁷ forming together with the nitrogen atom an optionally substituted heterocycle~~

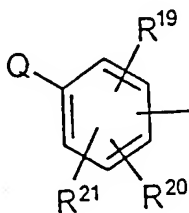
~~containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already~~

~~present, the additional heteroatoms being chosen independently from the group~~

~~constituted by the O, N and S atoms,~~

~~and W doesn't exist, or represents a bond, or -O-, S- or NR¹⁸-, in which R¹⁸ represents a hydrogen atom or an alkyl radical;~~

~~or a~~



radical in which Q ~~represents~~ is selected from the group consisting of ~~represents~~ is selected from the group consisting of H, -OR²², -NR²³R²⁴, a phenyl radical optionally substituted by at least one or more substituents chosen ~~substituent chosen~~ independently selected from the group consisting of ~~from a halogen atom, an~~ OH, cyano, nitro, alkyl, alkoxy or -NR¹⁰R¹¹ radical and a group with two substituents representing together a methylenedioxy or ethylenedioxy radical, or also Q ~~represents a~~ is selected from the group consisting of -COPh, -SO₂Ph or -CH₂Ph radical, said COPh, -SO₂Ph or -CH₂Ph radical ~~being~~ optionally substituted on its aromatic parts by at least one or more of the substituents chosen independently ~~from an alkyl or alkoxy radical and a~~ or halogen atom, R¹⁰ and R¹¹ ~~representing, are~~ independently, selected from the group consisting of a hydrogen atom, an alkyl radical ~~or a~~ and -COR¹² group, or R¹⁰ and R¹¹ forming form together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being ~~chosen~~ independently selected from the group ~~constituted by the~~ consisting of O, N and S atoms,

R¹² ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl or alkoxy ~~or~~ and NR¹³R¹⁴ radical,

R¹³ and R¹⁴ ~~representing, are~~ independently, a hydrogen atom or an alkyl radical, or R¹³ and R¹⁴ forming form together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being chosen independently from the group ~~constituted by the~~ consisting of O, N and S atoms,

~~R²² representing a~~ is selected from the group consisting of hydrogen atom, an alkyl radical ~~or an~~ and aryl radical optionally substituted by at least one ~~or more substituents~~ chosen from substituent selected from the group consisting of the alkyl, OH, halogen, nitro and alkoxy radicals,

~~R²³ and R²⁴ representing,~~ are independently, selected from the group consisting of a hydrogen atom, an alkyl radical ~~or a~~ and -CO-R²⁵ radical,

~~R²⁵ representing an~~ is alkyl radical,

~~and R¹⁹, R²⁰ and R²¹ represent,~~ are independently, selected from the group consisting of a hydrogen, a halogen, the -OH, ~~or -SR²⁶ group, or an~~ alkyl, cycloalkyl, alkenyl, alkoxy, cyano, nitro, -SO₂NHR⁴⁹, -CONHR⁵⁵, -S(O)_qR⁵⁶, -NH(CO)R⁵⁷, -CF₃, -OCF₃ ~~or~~ and NR²⁷R²⁸ radical,

~~R²⁷ and R²⁸ representing,~~ are independently, selected from the group consisting of hydrogen atom, an alkyl radical ~~or a~~ and -COR²⁹ group, or R²⁷ and R²⁸ ~~forming form~~ together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being chosen independently selected from the group ~~constituted by the~~ consisting of O, N and S atoms,

~~R⁴⁹ and R⁵⁵ representing,~~ are independently each time that they occur, a hydrogen atom or an alkyl or alkylcarbonyl radical,

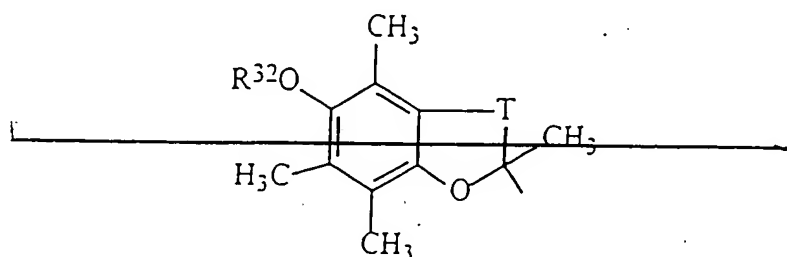
~~q representing~~ is an integer from 0 to 2,

~~R⁵⁶ and R⁵⁷ representing~~ are, each time that they occur, a hydrogen atom or an alkyl or alkoxy radical,

R^{29} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl, alkoxy or and $-NR^{30}R^{31}$ radical,

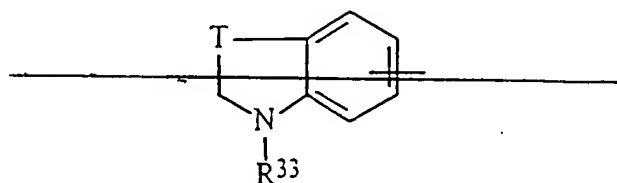
R^{30} and R^{31} ~~representing, are,~~ independently, selected from the group consisting of a hydrogen atom ~~or an~~ and alkyl radical, or R^{30} and R^{31} ~~forming form~~ together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being ~~chosen independently from the group constituted by the~~ selected from the group consisting of O, N and S atoms,

or a



radical in which R^{32} ~~represents a hydrogen atom or an alky radical,~~
and T represents a $-(CH_2)_m-$ radical with $m = 1$ or 2 ,

or finally a



radical in which R^{33} represents a hydrogen atom or an alkyl, $\Sigma NR^{34}R^{35}$ or $\Sigma CHR^{36}R^{37}$ radical,

Σ representing a linear or branched alkylene radical containing 1 to 6 carbon atoms,

R^{34} and R^{35} representing, independently, a hydrogen atom or an alkyl radical,

R^{36} and R^{37} representing, independently, a hydrogen atom or a carbocyclic or

heterocyclic aryl radical optionally substituted by at least one or more substituents chosen from the alkyl, OH, halogen, nitro, alkoxy or $NR^{10}R^{11}$ radicals,

R^{10} and R^{11} representing, independently, a hydrogen atom, an alkyl radical or a COR^{12} group, or R^{10} and R^{11} forming together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being chosen independently from the group constituted by the O, N and S atoms;

R^{12} representing a hydrogen atom or an alkyl, alkoxy or $NR^{13}R^{14}$ radical,

R^{13} and R^{14} representing, independently, hydrogen atom or an alkyl radical, or R^{13} and R^{14} forming together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being chosen independently from the group constituted by the O, N and S atoms,

and T represents a $(CH_2)_m$ radical with $m = 1$ or 2 ,

or also A represents alkyl, cycloalkyl or cycloalkylalkyl radical;

~~X represents S or NR³⁸;~~

~~R³⁸ representing a of hydrogen atom or an alkyl, cyanoalkyl, aralkyl, alkylcarbonyl or aralkylcarbonyl radical,~~

Y represents is O or S;

~~R¹ represents a is hydrogen atom, an alkyl, aminoalkyl, alkoxyalkyl, cycloalkyl, cycloalkylalkyl, trifluoromethylalkyl, alkenyl, allenyl, allenylalkyl, alkynyl, cyanoalkyl, -(CH₂)_g-Z¹R³⁹, -(CH₂)_g-COR⁴⁰, -(CH₂)_g-NHCOR⁷⁰, aryl, aralkyl, arylcarbonyl, heteroarylalkyl or and aralkylcarbonyl radical, the aryl group of the aryl, aralkyl, arylcarbonyl, heteroarylalkyl or aralkylcarbonyl radicals itself being optionally substituted by at least one or more substituents chosen substituent selected from the group constituted by the consisting of alkyl, halogen, alkoxy, nitro, cyano, cyanoalkyl, amino, alkylamino, dialkylamino, -(CH₂)_k-Z²R³⁹ or and -(CH₂)_k-COR⁴⁰- radicals, Z¹ and Z² representing is selected from the group consisting of a bond, -O-, -NR⁴¹- or and -S-,~~

~~R³⁹ and R⁴¹ representing, are independently each time that they occur, selected from the group consisting of hydrogen, atom or an alkyl, alkenyl, alkynyl or and cyanoalkyl radical,~~

R^{40} ~~representing is~~, independently each time that it occurs, selected from the group consisting of a hydrogen, atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or and $NR^{42}R^{43}$ radical,

R^{42} and R^{43} ~~representing are~~ independently, independently each time that they occur, selected from the group consisting of a hydrogen, atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or and cyanoalkyl radical, and R^2 ~~represents a~~ is selected from the group consisting of hydrogen atom, an alkyl, aminoalkyl, alkoxyalkyl, cycloalkyl, cycloalkylalkyl, trifluoromethylalkyl, or

$-(CH_2)_g-NHCOR^{71}$ radical, or also one of the aralkyl or and heteroarylalkyl radicals optionally substituted on the aryl or heteroaryl group by at least one or more of the groups chosen independently from the group composed of a member selected from the group consisting of halogen, atom and an alkyl, alkoxy, hydroxyl, cyano, nitro, amino, alkylamino or and dialkylamino radical,

R^{70} and R^{71} ~~representing are~~ independently an alkyl or alkoxy radical;

or R^1 and R^2 , taken together with the carbon atom which carries them, form a carbocycle with 3 to 7 members;

B ~~represents a~~ is selected from the group consisting of hydrogen atom, an alkyl radical, a $-(CH_2)_g-Z^3R^{44}$ radical or a and carbocyclic aryl radical optionally substituted 1 to 3 times by the radicals chosen a member selected from the group composed consisting of a halogen atom, a linear or branched alkyl or and alkoxy radical containing of 1 to 6 carbon

atoms, a hydroxy, cyano, or nitro radical, an amino, alkylamino, or dialkylamino radical and a carbocyclic aryl radical,

Z^3 ~~representing~~ is selected from the group consisting of a bond, -O-, NR^{45} - or and -S-,

R^{44} and R^{45} ~~representing~~ are, independently, selected from the group consisting of hydrogen, ~~atom or an~~ alkyl, alkenyl, alkynyl, allenyl, allenylalkyl ~~or and~~ cyanoalkyl radical;

Ω ~~represents one of the~~ is $NR^{46}R^{47}$ or OR^{48} radicals, in which:

R^{46} and R^{47} ~~represent~~ are, independently, selected from the group consisting of a hydrogen, ~~atom or an~~ alkyl, cycloalkyl, cycloalkylalkyl, alkenyl, alkynyl, allenyl, allenylalkyl, cyanoalkyl, $-(CH_2)_g-Z^4R^{50}$, $-(CH_2)_k-COR^{51}$, $-(CH_2)_k-COOR^{51}$, $-(CH_2)_k-CONHR^{51}$, or $-SO_2R^{51}$, ~~radical, or also a radical chosen from the~~ aryl, aralkyl, aryloxyalkyl, arylcarbonyl, arylimino, aralkylcarbonyl, heteroaryl ~~and in particular pyridinyl, pyridinylalkyl or pyridinylcarbonyl radicals, the aryl or heteroaryl group of~~ said aryl, aralkyl, aryloxyalkyl, arylcarbonyl, arylimino, aralkylcarbonyl, heteroaryl, pyridinylalkyl or pyridinylcarbonyl ~~radicals~~ being optionally substituted by at least one or more substituents chosen member independently selected from the group consisting of ~~from~~ halogen, alkyl, alkoxy, hydroxy, nitro, cyano, cyanoalkyl, amino, alkylamino, dialkylamino, Z^5R^{50} , $-(CH_2)_k-COR^{51}$ and $-(CH_2)_k-COOR^{51}$, Z^4 and Z^5 ~~representing~~ are selected from the group consisting of a bond, -O-, $-NR^{52}$ - or and -S-,

or R⁴⁶ and R⁴⁷ taken together form with the nitrogen atom a non-aromatic heterocycle with 4 to 8 ring members, the elements of the chain being selected from a the group composed consisting of -CH(R⁵³)-, -NR⁵⁴-, -O-, -S- and -CO-,

R⁵⁰ and R⁵² ~~representing~~, are independently each time that they occur, selected from the group consisting of a hydrogen, ~~atom or an~~ alkyl, alkenyl, alkynyl, allenyl, allenylalkyl ~~or and~~ cyanoalkyl ~~radical~~,

R⁵¹ ~~representing is~~, independently each time that they occur, selected from the group consisting of a hydrogen, ~~atom, one of the cycloalkyl or and~~ cycloalkylalkyl ~~radicals~~ in which the cycloalkyl ~~radical~~ has 3 to 7 carbon atoms, a ~~linear or branched~~ alkyl ~~radical~~ containing of 1 to 8 carbon atoms, ~~an~~ alkenyl, alkynyl, allenyl, allenylalkyl, cyanoalkyl, alkoxyalkyl, ~~or~~ NR⁵⁸R⁵⁹, ~~radical, or also an aryl or aralkyl radical, said aryl or aralkyl radical being able to be~~ optionally substituted by at least one ~~or more of the substituents chosen independently from a member selected from the group consisting of~~ halogen, ~~atom and an~~ alkyl ~~or and~~ alkoxy ~~radical~~,

R⁵⁸ and R⁵⁹ ~~representing~~, are independently, a member selected from the group consisting of a hydrogen, ~~atom or an~~ alkyl, alkenyl, alkynyl, allenyl, allenylalkyl ~~or and~~ cyanoalkyl ~~radical~~,

R⁵³ and R⁵⁴ ~~representing~~, are independently, a member selected from the group consisting of hydrogen ~~atom~~ or a -(CH₂)_k-Z⁷R⁶⁰ ~~or and~~ -(CH₂)_k-COR⁶¹ ~~radical~~,

Z⁷ ~~representing is~~ a member selected from the group consisting of a bond, -O-, -NR⁶²- ~~or and~~ -S-,

R⁶⁰ and R⁶² ~~representing~~, are independently, a member selected from the group consisting of hydrogen, ~~atom or an~~ alkyl, alkenyl, allenyl, allenylalkyl, alkynyl, cyanoalkyl, aryl,

aralkyl, arylcarbonyl, aralkylcarbonyl, pyridinyl, pyridinylalkyl or pyridinylcarbonyl radical, the aryl or pyridinyl group of the aryl, aralkyl, arylcarbonyl, aralkylcarbonyl, pyridinyl, pyridinylalkyl or pyridinylcarbonyl radicals being optionally substituted by at least one or more substituents chosen substituent selected from the group constituted by the consisting of alkyl, halogen, nitro, alkoxy, cyano, cyanoalkyl, $-(CH_2)_k-Z^8R^{63}$ and $-(CH_2)_k-COR^{64}$ radicals,

R^{61} ~~representing a~~ is a member selected from the group consisting of hydrogen atom, an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl, cyanoalkyl, alkoxy ~~or~~ and $NR^{65}R^{66}$ radical, R^{65} and R^{66} ~~representing~~ are independently, selected from the group consisting of a hydrogen, atom ~~or an~~ alkyl, allenyl, allenylalkyl, alkenyl, alkynyl ~~or~~ and cyanoalkyl radical,

Z^8 ~~representing~~ is a member selected from the group consisting of a bond, -O-, $-NR^{67}-$ ~~or~~ and -S-,

R^{63} and R^{67} ~~representing are~~ independently, a member selected from the group consisting of hydrogen atom, an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl ~~or~~ and cyanoalkyl radical,

R^{64} ~~representing a~~ is a member of the group consisting of hydrogen atom, an alkyl, allenylalkyl, alkenyl, alkenyl, alkynyl, cyanoalkyl, alkoxy ~~or~~ and $NR^{68}R^{69}$ radical,

R^{68} and R^{69} ~~representing are~~ independently, a member selected from the group consisting of a hydrogen, atom ~~or an~~ alkyl, allenyl, allenylalkyl, alkenyl, alkynyl ~~or~~ cyanoalkyl radical,

and R^{48} ~~represents a~~ is a member selected from the group consisting of hydrogen, atom or an alkyl, alkynyl or and cyanoalkyl radical;

g and p, each time that they occur, being independently integers from 1 to 6, and k and n, each time that they occur, being independently integers from 0 to 6;

it being understood that when Het is such that the compound of general formula (I) corresponds to general sub-formula (I)₄, then:

A represents the ~~4 hydroxy 2,3-di-tert-butyl-phenyl radical;~~

B, R^1 and R^2 all represent H; and finally

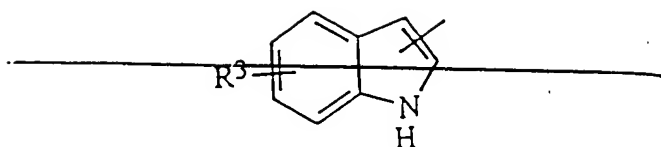
Ω represents OH;

or a salt thereof sufficient to inhibit monoamine oxydases and lipidic peroxidation and a modulating activity vis-à-vis sodium channels.

Claim 2 (currently amended) The method of claim 1 wherein

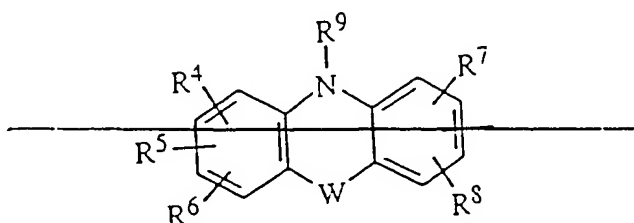
A represents is

either a



radical in which R^3 represents a hydrogen atom, the OH group or an alkoxy or alkyl radical,

or a



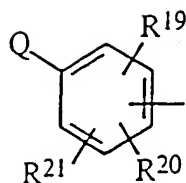
radical in which R^4 , R^5 , R^6 , R^7 and R^8 represent, independently, a hydrogen atom, a halogen, the OH group or an alkyl, alkoxy, cyano, nitro or $NR^{10}R^{11}$ radical,

R^{10} and R^{11} representing, independently, a hydrogen atom or an alkyl radical,

R^9 represents a hydrogen atom or an alkyl radical,

and W doesn't exist, or represents a bond, or O, S or NR^{18} , in which R^{18} represents a hydrogen atom or an alkyl radical;

or a



radical in which Q represents is selected from the group consisting of H, -OR²², -SR²², -NR²³R²⁴, a phenyl radical optionally substituted by at least one or more of the substituents ~~chosen independently from a~~ member selected from the group consisting of halogen atom, an OH, cyano, nitro, alkyl, alkoxy or and -NR¹⁰R¹¹ radical and a group of two substituents together ~~representing a~~ being methylenedioxy or ethylenedioxy radical, or also Q represents a is selected from the group consisting of -COPh, -OPh, -SPh, -SO₂Ph or -CH₂Ph radical, said -COPh, -OPh, -SPh, -SO₂Ph or -CH₂Ph radical being optionally substituted on its aromatic part by at least one or more of the substituents ~~chosen independently from an~~ member selected from the group consisting of alkyl, or alkoxy radical and a halogen atom, R¹⁰ and R¹¹ ~~representing are;~~ independently, selected from the group consisting of hydrogen, ~~atom or an~~ alkyl radical, or R¹⁰ and R¹¹ ~~forming form~~ together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 ring members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being ~~chosen independently~~ selected from the group ~~constituted by the~~ consisting of O, N and S atoms, R²² ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl radical ~~or an~~ and aryl radical optionally substituted by at least one or more substituents

~~chosen from the member selected from the group consisting of~~ alkyl, OH, halogen, nitro and alkoxy radicals,

R^{23} and R^{24} ~~representing are~~, independently, a hydrogen atom, ~~an or~~ alkyl radical or a $-\text{CO}-R^{25}$ radical,

R^{25} ~~representing an~~ is alkyl radical,

and R^{19} , R^{20} and R^{21} ~~represent are~~, independently, selected from the group consisting of a hydrogen, a halogen, the OH, ~~or~~ SR^{26} group, ~~or an~~ alkyl, cycloalkyl, alkenyl, alkoxy, cyano, nitro, $-\text{SO}_2\text{NHR}^{49}$, $-\text{CONHR}^{55}$, $-\text{S}(\text{O})_q\text{R}^{56}$, $-\text{NH}(\text{CO})\text{R}^{57}$, $-\text{CF}_3$, $-\text{OCF}_3$ ~~or and~~ $\text{NR}^{27}\text{R}^{28}$ radical,

R^{26} ~~representing a~~ is hydrogen atom or an alkyl radical,

R^{27} and R^{28} ~~representing are~~, independently, selected from the group consisting of a hydrogen atom, an alkyl radical ~~or a~~ and $-\text{COR}^{29}$ group, or R^{27} and R^{28} forming form together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 ring members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being ~~chosen independently from the group constituted by the~~ selected from the group consisting of O, N and S atoms,

R^{49} and R^{55} ~~representing are~~, independently each time that they occur, a hydrogen atom or an alkyl or alkylcarbonyl radical,

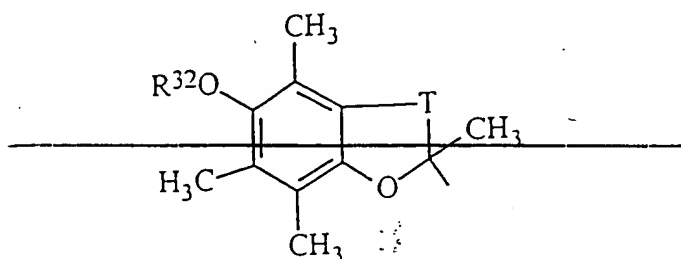
q ~~representing is~~ an integer from 0 to 2,

R^{56} and R^{57} ~~representing are~~, independently each time that they occur, a hydrogen atom or an alkyl or alkoxy radical,

R^{29} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl, alkoxy ~~or and~~ $-\text{NR}^{30}\text{R}^{31}$ radical,

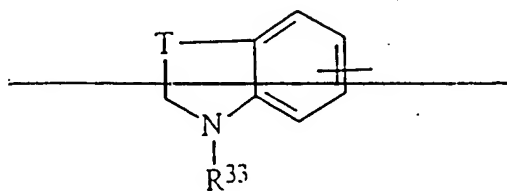
R^{30} and R^{31} ~~representing are~~, independently, selected from the group consisting of a
hydrogen, ~~atom or an alkyl radical~~, or R^{30} and R^{31} ~~forming form~~ together with the
nitrogen atom an optionally substituted heterocycle containing 4 to 7 ring members and 1
to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms
being ~~chosen independently from the group constituted by the~~ selected from the group
consisting of O, N and S atoms,

or a



radical in which R^{32} ~~represents a hydrogen atom or an alkyl radical~~,
and T represents a $(CH_2)_m$ ~~radical with m = 1 or 2~~,

or finally a



radical in which R^{33} represents a hydrogen atom or an alkyl, $\Sigma NR^{34}R^{35}$ or $\Sigma CHR^{36}R^{37}$ radical,

Σ representing a linear or branched alkylene radical containing 1 to 6 carbon atoms,

R^{34} and R^{35} representing, independently, a hydrogen atom or an alkyl radical,

R^{36} and R^{37} representing, independently, a hydrogen atom or a carbocyclic or

heterocyclic aryl radical optionally substituted by one or more substituents chosen from the alkyl, OH, halogen, nitro, alkoxy or $NR^{10}R^{11}$ radicals,

R^{10} and R^{11} representing, independently, a hydrogen atom, an alkyl radical, or R^{10} and

R^{11} forming together with the nitrogen atom an optionally substituted heterocycle

containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being chosen independently from the group

constituted by the O, N and S atoms,

and T represents a $(CH_2)_m$ radical with $m = 1$ or 2 ,

or also A represents an alkyl, cycloalkyl or cycloalkylalkyl radical;

X represents S or NR^{38} ;

R^{38} representing a hydrogen atom or an alkyl, cyanoalkyl, aralkyl, alkylcarbonyl or aralkylcarbonyl radical,

Y represents O or S;

R^1 represents a hydrogen atom, an alkyl, alkoxyalkyl, cycloalkyl, cycloalkylalkyl,

trifluoromethylalkyl, alkenyl, allenyl, allenylalkyl, alkynyl, cyanoalkyl, $(CH_2)_6-Z^1R^{39}$;

~~$(\text{CH}_2)_g\text{-COR}^{40}$, $(\text{CH}_2)_g\text{-NHCOR}^{70}$, aryl, aralkyl, arylearbonyl, heteroarylalkyl or aralkylearbonyl radical, the aryl group of the aryl, aralkyl, arylearbonyl, heteroarylalkyl or aralkylearbonyl radicals being itself optionally substituted by one or more substituents chosen from the group constituted by the alkyl, halogen, alkoxy, nitro, cyano, cyanoalkyl, amino, alkylamino, dialkylamino, $(\text{CH}_2)_k\text{-Z}^2\text{R}^{39}$ or $(\text{CH}_2)_k\text{-COR}^{40}$ radicals, Z^1 and Z^2 representing a bond, O , NR^{41} or S ,~~

~~R^{39} and R^{41} representing, independently each time that they occur, a hydrogen atom or an alkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

~~R^{40} representing, independently each time that it occurs hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or $\text{NR}^{42}\text{R}^{43}$ radical,~~

~~R^{42} and R^{43} representing, independently each time that they occur, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

~~and R^2 represents a hydrogen atom, an alkyl, aminoalkyl, alkoxyalkyl, cycloalkyl, cycloalkylalkyl, trifluoromethylalkyl or $(\text{CH}_2)_g\text{-NHCOR}^{71}$ radical, or also one of the aralkyl or heteroarylalkyl radicals optionally substituted on the aryl or heteroaryl group by one or more of the groups chosen independently from the group composed of a halogen atom and an alkyl, alkoxy, hydroxy, cyano, nitro, amino, alkylamino or dialkylamino radical,~~

~~R^{70} and R^{71} representing independently an alkyl or alkoxy radical;~~

~~or R^1 and R^2 , taken together with the carbon atom which carries them, form a carbocycle with 3 to 7 members;~~

~~B represents a hydrogen atom, an alkyl radical, a $(\text{CH}_2)_g\text{-Z}^3\text{R}^{44}$ radical or a carbocyclic aryl radical optionally substituted 1 to 3 times by the radicals chosen from the group composed of a halogen atom, a linear or branched alkyl or alkoxy radical containing 1 to 6 carbon atoms, a hydroxy, cyano or nitro radical, an amino, alkylamino or dialkylamino radical and a carbocyclic aryl radical,~~

~~Z^3 representing a bond, -O- , $\text{-NR}^{45}\text{-}$ or -S- ,~~

~~R^{44} and R^{45} representing, independently, a hydrogen atom or an alkyl, alkenyl, alkynyl, allenyl, allenylalkyl or cyanoalkyl radical;~~

~~Ω represents one of the $\text{-NR}^{46}\text{R}^{47}\text{-}$ or $\text{-OR}^{48}\text{-}$ radicals, in which:~~

~~R^{46} and R^{47} represent, independently, a hydrogen atom or an alkyl, cycloalkyl, cycloalkylalkyl, alkenyl, alkynyl, allenyl, allenylalkyl, cyanoalkyl, $(\text{CH}_2)_g\text{-Z}^4\text{R}^{50}$, $(\text{CH}_2)_k\text{-COR}^{51}$, $(\text{CH}_2)_k\text{-COOR}^{51}$, $(\text{CH}_2)_k\text{-CONHR}^{51}$ or $\text{-SO}_2\text{R}^{51}$ radical, or also a radical chosen from the aryl, aralkyl, aryloxyalkyl, arylearbonyl, arylimino, aralkylearbonyl, heteroaryl and in particular pyridinyl, pyridinylalkyl or pyridinylearbonyl radicals the aryl or heteroaryl group of said aryl, aralkyl, aryloxyalkyl, arylearbonyl, arylimino, aralkylearbonyl, heteroaryl, pyridinylalkyl or pyridinylearbonyl radicals being optionally substituted by one or more of the substituents chosen independently from halogen, alkyl,~~

alkoxy, hydroxy, nitro, cyano, cyanoalkyl, amino, alkylamino, dialkylamino, $-(CH_2)_k$, Z^5R^{50} , $-(CH_2)_k-COR^{51}$ and $-(CH_2)_k-COOR^{51}$, Z^4 and Z^5 representing a bond, $-O-$, NR^{52} or $-S-$, or R^{46} and R^{47} taken together form with the nitrogen atom a non-aromatic heterocycle with 4 to 8 members, the elements of the chain being chosen from a group composed of $-CH(R^{53})$, NR^{54} , $-O-$, $-S-$ and $-CO-$, R^{50} and R^{52} , representing, independently each time that they occur, a hydrogen atom of an alkyl, alkenyl, alkynyl, alkoxy, allenyl, allenylalkyl or cyanoalkyl radical, R^{51} representing, independently each time that they occur, a hydrogen atom, one of the cycloalkyl or cycloalkylalkyl radicals in which the cycloalkyl radical contains 3 to 7 carbon atoms, a linear or branched alkyl radical containing 1 to 8 carbon atoms, an alkenyl, alkynyl, allenyl, allenylalkyl, cyanoalkyl, alkoxyalkyl or $NR^{58}R^{59}$ radical, or also an aryl or aralkyl radical, said aryl or aralkyl radical being able to be substituted by one or more of the substituents chosen independently from a halogen atom and an alkyl or alkoxy radical, R^{58} and R^{59} representing, independently, a hydrogen atom or an alkyl, alkenyl, alkynyl, allenyl, allenylalkyl or cyanoalkyl radical, R^{53} and R^{54} representing, independently, a hydrogen atom or a $-(CH_2)_k-Z^7R^{60}$ or and $-(CH_2)_k-COR^{61}$ radical, Z^7 representing a bond, $-O-$, NR^{62} or $-S-$, R^{60} and R^{62} representing, independently, a hydrogen atom or an alkyl, alkenyl, allenyl, allenylalkyl, alkynyl, cyanoalkyl, aryl, aralkyl, arylecarbonyl, aralkylcarbonyl, pyridinyl,

pyridinylalkyl or pyridinylcarbonyl radical, the aryl or pyridinyl group of the aryl, aralkyl, arylcarbonyl, aralkylcarbonyl, pyridinyl, pyridinylalkyl or pyridinylcarbonyl radicals being optionally substituted by one or more substituents chosen from the group constituted by the alkyl, halogen, nitro, alkoxy, cyano, cyanoalkyl, $(\text{CH}_2)_k\text{-Z}^8\text{R}^{63}$ and $(\text{CH}_2)_k\text{-COR}^{64}$ radicals,

R^{61} representing a hydrogen atom, an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or $\text{NR}^{65}\text{R}^{66}$ radical,

R^{65} and R^{66} representing, independently, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,

Z^8 representing a bond, O, NR^{67} or S,

R^{63} and R^{67} representing, independently, a hydrogen atom, an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,

R^{64} representing a hydrogen atom, an alkyl, allenylalkyl, alkenyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or $\text{NR}^{68}\text{R}^{69}$ radical,

R^{68} and R^{69} representing, independently, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,

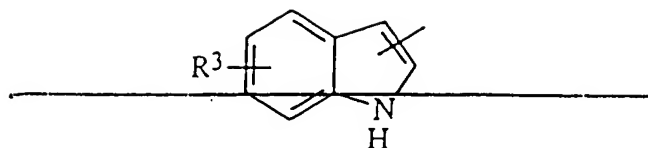
g and p, each time that they occur, being independently integers from 1 to 6, and k and n, each time that they occur, being independently integers from 0 to 6;

and R^{48} represents a hydrogen atom or an alkyl, alkynyl or cyanoalkyl radical.

Claim 3 (currently amended) The method of claim 1 wherein

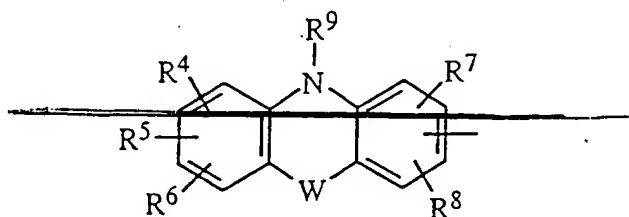
A represents

either a



radical in which R³ represents hydrogen atom, the OH group or an alkoxy or alkyl radical,

or a



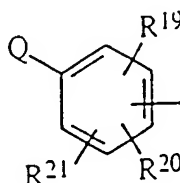
radical in which R⁴, R⁵, R⁶, R⁷ and R⁸ represent, independently, a hydrogen atom, a halogen, the OH group or an alkyl, alkoxy or NR¹⁰R¹¹ radical,

R¹⁰ and R¹¹ representing, independently, a hydrogen atom or an alkyl radical, or R¹⁰ and R¹¹ forming together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being chosen independently from the group constituted by the being O, N and S atoms,

R⁹ represents a hydrogen atom or an alkyl radical,

and W doesn't exist, or represents a bond, or O, S or NR^{18} , in which R^{18} represents a hydrogen atom or an alkyl radical,

or a



radical in which Q represents $-\text{OR}^{22}$, $-\text{SR}^{22}$, $-\text{NR}^{23}\text{R}^{24}$, a phenyl radical optionally substituted by at least one or more substituents chosen independently from a member selected from the group consisting of halogen, ~~atom and an~~ OH, cyano, nitro, alkyl, alkoxy ~~or~~ and $-\text{NR}^{10}\text{R}^{11}$ radical,

R^{10} and R^{11} ~~representing~~, are independently; selected from the group consisting of a hydrogen atom or an alkyl radical, or R^{10} and R^{11} ~~forming~~ form together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 ring members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being ~~chosen independently from the group constituted by the~~ selected from the group consisting of O, N and S atoms,

R^{22} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl radical ~~or an~~ and aryl radical optionally substituted by at least one ~~substituent chosen~~

~~from the member selected from the group consisting of~~ alkyl, OH, halogen, nitro and alkoxy radicals,

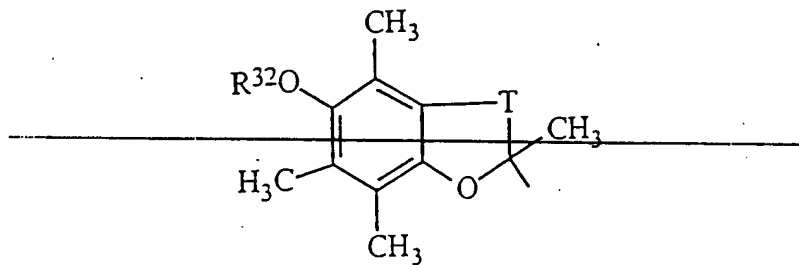
R^{23} and R^{24} ~~representing are~~, independently, a hydrogen atom or an alkyl radical,

and R^{19} , R^{20} and R^{21} ~~represent, are~~ independently, selected from the group consisting of a hydrogen, a halogen, the OH, ~~group or~~ $-SR^{26}$, ~~or an~~ alkyl, alkenyl, alkoxy ~~or~~ and $NR^{27}R^{28}$ radical,

R^{26} ~~representing a~~ is hydrogen atom or an alkyl radical,

R^{27} and R^{28} ~~representing, are~~ independently, selected from the group consisting of a hydrogen, ~~atom or an~~ alkyl radical, or R^{27} and R^{28} ~~forming form~~ together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being ~~chosen independently from the group constituted by the~~ selected from the group consisting of O, N and S atoms,

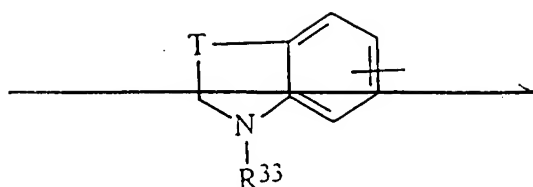
or a



radical in which R^{32} represents a hydrogen atom or an alkyl radical,

and T represents a $-(CH_2)_m$ radical with $m = 1$ or 2 ,

or finally a



radical in which R^{33} represents a hydrogen atom or an alkyl, $\Sigma NR^{34}R^{35}$ or $\Sigma NR^{36}R^{37}$;

Σ representing a linear or branched alkylene radical containing 1 to 6 carbon atoms;

R^{34} and R^{35} representing, independently, a hydrogen atom or an alkyl radical,

R^{36} and R^{37} representing, independently, a hydrogen atom or a carbocyclic or heterocyclic aryl radical optionally substituted by one or more substituents chosen from the alkyl, OH, halogen, nitro, alkoxy or $NR^{10}R^{11}$ radicals,

R^{10} and R^{11} representing, independently, a hydrogen atom or an alkyl radical, or R^{10} and

R^{11} forming together with the nitrogen atom an optionally substituted heterocycle containing 4 to 7 members and 1 to 3 heteroatoms including the nitrogen atom already present, the additional heteroatoms being chosen independently from the group constituted by the O, N and S atoms,

and T represents a $(CH_2)_m$ radical with $m = 1$ or 2,

X represents S or NR^{38} ;

R^{38} representing a hydrogen atom or an alkyl or cyanoalkyl radicals;

~~Y represents O or S;~~

~~R¹ represents a hydrogen atom, an alkyl, cycloalkyl, alkenyl, allenyl, allenylalkyl, alkynyl, cyanoalkyl, (CH₂)₈-Z¹R³⁹;~~

~~(CH₂)₈COR⁴⁰, aryl, aralkyl, arylcarbonyl, or aralkylcarbonyl radical, the aryl group of the aryl, aralkyl, arylcarbonyl, or aralkylcarbonyl radicals being itself optionally substituted by a substituent or substituents chosen from the group constituted by the alkyl, halogen, alkoxy, nitro, cyano, cyanoalkyl, (CH₂)_k-Z²R³⁹ or (CH₂)_k-COR⁴⁰ radicals,~~

~~Z¹ and Z² representing a bond, O, NR⁴¹ or S;~~

~~R³⁹ and R⁴¹ representing, independently each time that they occur, a hydrogen atom or an alkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

~~R⁴⁰ representing, independently each time that it occurs, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or NR⁴²R⁴³ radical,~~

~~R⁴² and R⁴³ representing, independently each time that they occur, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

~~and R² represents a hydrogen atom or an alkyl radical;~~

~~B represents a hydrogen atom or a (CH₂)₈-Z³R⁴⁴ radical,~~

~~Z³ representing a bond, O, NR⁴⁵ or S;~~

~~R⁴⁴ and R⁴⁵ representing, independently, a hydrogen atom or an alkyl, alkenyl, alkynyl, allenyl, allenylalkyl or cyanoalkyl radical;~~

~~Ω represents one of the is NR⁴⁶R⁴⁷ or OR⁴⁸ radicals, in which:~~

~~R⁴⁶ and R⁴⁷ represent, independently, a hydrogen atom or an alkyl, cycloalkyl, alkenyl, alkynyl, allenyl, allenylalkyl, cyanoalkyl, (CH₂)_g-Z⁴R⁵⁰ or (CH₂)_k-COR⁵¹ radical, or also a radical chosen from the aryl, aralkyl, arylcarbonyl, aralkylcarbonyl, pyridinyl, pyridinylalkyl or pyridinylcarbonyl radicals, the aryl or heteroaryl group of said aryl, aralkyl, arylcarbonyl, aralkylcarbonyl, pyridinylalkyl or pyridinylcarbonyl radicals being optionally substituted by one or more of the substituents chosen independently from halogen, alkyl, alkoxy, nitro, cyano, cyanoalkyl, amino, alkylamino, dialkylamino, (CH₂)_k-Z⁵R⁵⁰, (CH₂)_k-COR⁵¹ and (CH₂)_k-COOR⁵¹;~~

~~Z⁴ and Z⁵ representing a bond, O, NR⁵² or S,~~

~~or R⁴⁶ and R⁴⁷ taken together form with the nitrogen a non-aromatic heterocycle with 4 to 8 members, the elements of the chain being chosen from the group composed of~~

~~-CH(R⁵³), NR⁵⁴, O, S and CO,~~

~~R⁵⁰ and R⁵², representing, independently each time that they occur, a hydrogen atom or an alkyl, alkenyl, alkynyl, allenyl, allenylalkyl or cyanoalkyl radical,~~

~~R⁵¹ representing, independently each time that they occur, a hydrogen atom, a linear or branched alkyl radical containing 1 to 8 carbon atoms, an alkenyl, alkynyl, allenyl, allenylalkyl, cyanoalkyl or NR⁵⁸R⁵⁹ radical,~~

~~R⁵⁸ and R⁵⁹ representing, independently, a hydrogen atom or an alkyl, alkenyl, alkynyl, alkoxy, allenyl, allenylalkyl or cyanoalkyl radical,~~

~~R⁵³ and R⁵⁴ representing, independently, a hydrogen atom or a (CH₂)_k-Z⁷R⁶⁰ or (CH₂)_k-COR⁶⁴ radical,~~

~~Z⁷ representing a bond, O-, NR⁶²- or S-,~~

~~R⁶⁰ and R⁶² representing, independently, a hydrogen atom or an alkyl, alkenyl, allenyl, allenylalkyl, alkynyl, cyanoalkyl, aryl, aralkyl, arylearbonyl, aralkylearbonyl, pyridinyl, pyridinylalkyl or pyridinylearbonyl radical, the aryl or pyridinyl group of the aryl, aralkyl, arylearbonyl, aralkylearbonyl, pyridinyl, pyridinylalkyl or pyridinylearbonyl radicals being optionally substituted by one or more substituents chosen from the group constituted by the alkyl, halogen, nitro, alkoxy, cyano, cyanoalkyl, (CH₂)_k-Z⁸R⁶³ and (CH₂)_k-COR⁶⁴ radicals,~~

~~R⁶⁴ representing a hydrogen atom, an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or NR⁶⁵R⁶⁶ radical,~~

~~R⁶⁵ and R⁶⁶ representing, independently, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

~~Z⁸ representing a bond, O-, NR⁶⁷- or S-,~~

~~R⁶³ and R⁶⁷ representing, independently, a hydrogen atom, an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

~~R⁶⁴ representing a hydrogen atom, an alkyl, allenylalkyl, alkenyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or and NR⁶⁸R⁶⁹ radical,~~

~~R⁶⁸ and R⁶⁹ representing, independently, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

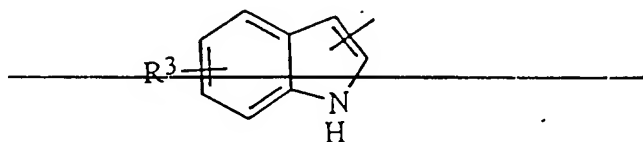
~~and R⁴⁸ represents a hydrogen atom or an alkyl, alkynyl or cyanoalkyl radical;~~

~~g and p, each time that they occur, being independently integers from 1 to 6, and k and n, each time that they occur, being independently integers from 0 to 6.~~

Claim 4 (currently amended) The method of claim 3 wherein

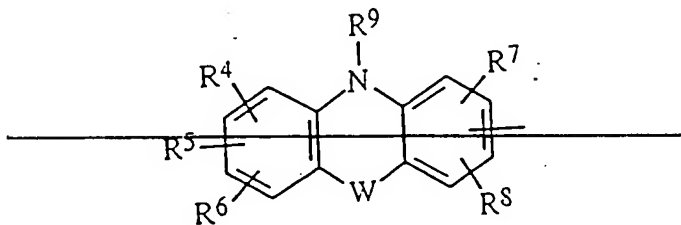
A represents is

either a



radical in which R^3 represents a hydrogen atom, the group OH or an alkoxy or alkyl radical,

or a

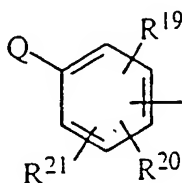


radical in which R^4 , R^5 , R^6 , R^7 and R^8 represent, independently, a hydrogen atom, or an alkyl or alkoxy radical,

R^9 represent a hydrogen atom,

and W doesn't exist, or represents a bond, or O, S or NR^{18} , in which R^{18} represents a hydrogen atom or an alkyl radical;

or a



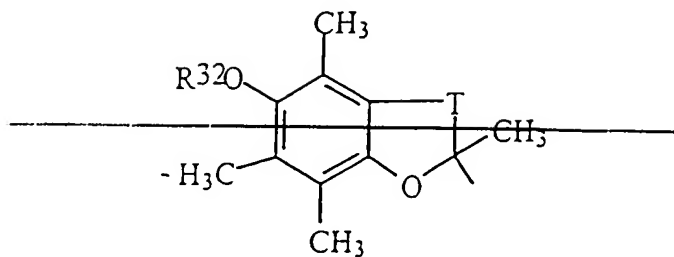
radical in which Q represents is selected from the group consisting of $-OR^{22}$, $-SR^{22}$ or a and phenyl radical substituted by an OH radical and optionally by at least one or more of the additional substituents chosen independently from a member selected from the group consisting of halogen, atom and an OH, alkyl or and alkoxy radical,

R^{22} representing a is hydrogen atom or an alkyl radical,

and R^{19} , R^{20} and R^{21} represent, are independently; selected from the group consisting of a hydrogen, a halogen, the OH, or SR^{26} group, or an alkyl or and alkoxy radical,

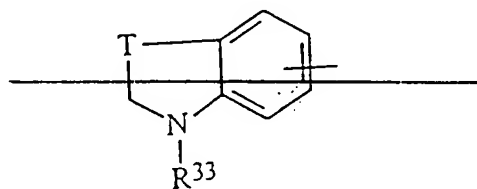
R^{26} representing a is hydrogen atom or an alkyl radical,

or a



radical in which R³² represents a hydrogen atom or an alkyl radical,
and T represents a $(\text{CH}_2)_m$ radical with $m = 1$ or 2 ,

or finally a



radical in which R³³ represents a hydrogen atom or an alkyl, $\Sigma \text{NR}^{34} \text{R}^{35}$ or $\Sigma \text{CHR}^{36} \text{R}^{37}$
radical,

Σ representing a linear or branched alkylene radical containing 1 to 6 carbon atoms,

R³⁴ and R³⁵ representing, independently, a hydrogen atom or an alkyl radical,

R³⁶ and R³⁷ representing, independently, hydrogen atom or a carbocyclic or heterocyclic
aryl radical optionally substituted by one or more substituents chosen from the alkyl, OH,
halogen, nitro or alkoxy radical,

and T represents a $(\text{CH}_2)_m$ radical with $m = 1$ or 2 ,

~~X represents S or NR³⁸;~~

~~R³⁸ representing a hydrogen atom or an alkyl or cyanoalkyl radical,~~

~~Y represents O or S;~~

~~R¹ represents a hydrogen atom, an alkyl, cycloalkyl, alkenyl, allenyl, allenylalkyl,~~

~~alkynyl, cyanoalkyl, $(\text{CH}_2)_g\text{-Z}^1\text{R}^{39}$, $(\text{CH}_2)_g$~~

~~-COR^{40} , aryl, aralkyl, arylcarbonyl, or aralkylcarbonyl radical, the aryl group of the aryl,~~

~~aralkyl, arylcarbonyl, or aralkylcarbonyl radicals being itself optionally substituted by~~

~~one or more substituents chosen from the group constituted by the alkyl, halogen, alkoxy,~~

~~nitro, cyano, cyanoalkyl, $(\text{CH}_2)_k\text{-Z}^2\text{R}^{39}$ or $(\text{CH}_2)_k\text{-COR}^{40}$ radicals,~~

~~Z¹ and Z² representing a bond, O, NR⁴¹ or S,~~

~~R³⁹ and R⁴¹ representing, independently each time that they occur, a hydrogen atom or an~~

~~alkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

~~R⁴⁰ representing independently to each time that it occurs, a hydrogen atom or an alkyl,~~

~~allenyl, allenylalkyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or NR⁴²R⁴³ radical,~~

~~R⁴² and R⁴³ representing, independently each time that they occur, a hydrogen atom or an~~

~~alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,~~

~~and R² represents a hydrogen atom or an alkyl radical,~~

~~B represents a hydrogen atom or a $(\text{CH}_2)_g\text{-Z}^3\text{R}^{44}$ radical,~~

~~Z³ representing a bond, O, NR⁴⁵ or S,~~

~~R⁴⁴ and R⁴⁵ representing, independently, a hydrogen atom or an alkyl, alkenyl, alkynyl, allenyl, allenylalkyl or cyanoalkyl radical;~~

~~Ω represents one of the NR⁴⁶R⁴⁷ or OR⁴⁸ radicals in which:~~

~~R⁴⁶ and R⁴⁷ represent, independently, a hydrogen atom or an alkyl, cycloalkyl, alkenyl, alkynyl, allenyl, allenylalkyl, cyanoalkyl, (CH₂)_g-Z⁴R⁵⁰ or (CH₂)_k-COR⁵¹ radical or alkynyl, allenyl, allenylalkyl, cyanoalkyl, (CH₂)_g-Z⁴R⁵⁰ or (CH₂)_k-COR⁵¹ radical or also a radical chosen from the aryl, aralkyl, arylecarbonyl, aralkylecarbonyl, pyridinyl, pyridinylalkyl or pyridinylecarbonyl radicals, the aryl or heteroaryl group of said aryl, aralkyl, arylecarbonyl, aralkylecarbonyl, pyridinylalkyl or pyridinylecarbonyl radicals being optionally substituted by one or more of the substituents chosen independently from halogen, alkyl, alkoxy, nitro, cyano, cyanoalkyl, amino, alkylamino, dialkylamino, (CH₂)_k-Z⁵R⁵⁰, (CH₂)_k-COR⁵¹ and (CH₂)_k-COOR⁵¹;~~

~~Z⁴ and Z⁵ representing a bond, O, NR⁵² or S,~~

~~or R⁴⁶ and R⁴⁷ taken together form with the nitrogen atom a non-aromatic heterocycle with 4 to 8 members, the elements of the chain being chosen from a group comprising CH(R⁵³), NR⁵⁴, O, S, and CO,~~

~~R⁵⁰ and R⁵² representing, independently each time that they occur, a hydrogen atom or an alkyl, alkenyl, alkynyl, allenyl, allenylalkyl or cyanoalkyl radical,~~

~~R⁵¹ representing, independently each time that they occur, a hydrogen atom, a linear or branched alkyl radical containing 1 to 8 carbon atoms, alkenyl, alkynyl, alkoxy, allenyl, allenylalkyl, cyanoalkyl NR⁵⁸R⁵⁹ radical,~~

R^{58} and R^{59} representing, independently, a hydrogen atom or an alkyl, alkenyl, alkynyl, allenyl, allenylalkyl or cyanoalkyl radical,

R^{53} and R^{54} representing, independently, a hydrogen atom or a $-(CH_2)_k Z^7 R^{60}$ or $-(CH_2)_k -COR^{61}$ radical,

Z^7 representing a bond, O , NR^{62} or S ,

R^{60} and R^{62} representing, independently, a hydrogen atom or an alkyl, alkenyl, allenyl, allenylalkyl, alkynyl, cyanoalkyl, aryl, aralkyl, arylecarbonyl, aralkylecarbonyl, pyridinyl, pyridinylalkyl or pyridinylecarbonyl radical, the aryl or pyridinyl group of the aryl, aralkyl, arylecarbonyl, aralkylecarbonyl, pyridinyl, pyridinylalkyl or pyridinylecarbonyl radicals being optionally substituted by one or more substituents chosen from the group constituted by the alkyl, halogen, nitro, alkoxy, cyano, cyanoalkyl, $-(CH_2)_k Z^8 R^{63}$ and $-(CH_2)_k -COR^{64}$ radicals,

R^{61} representing a hydrogen atom, an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or $NR^{65} R^{66}$ radical,

R^{65} and R^{66} representing, independently, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,

Z^8 representing a bond, O , NR^{67} or S ,

R^{63} and R^{67} representing, independently, a hydrogen atom, an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,

R^{64} representing a hydrogen atoms an alkyl, allenylalkyl, alkenyl, alkenyl, alkynyl, cyanoalkyl, alkoxy or $NR^{68} R^{69}$ radical,

R^{68} and R^{69} representing, independently, a hydrogen atom or an alkyl, allenyl, allenylalkyl, alkenyl, alkynyl or cyanoalkyl radical,

and R^{48} represents a hydrogen atom or an alkyl, alkynyl or cyanoalkyl radical;

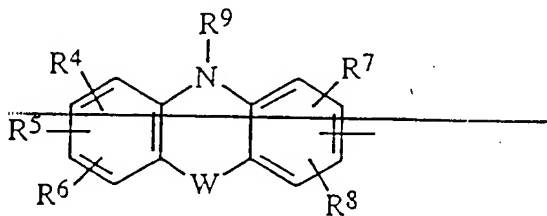
g and p , each time that they occur, being independently integers from 1 to 6, and k and n , each time that they occur, being independently integers from 0 to 6.

Claim 5 (currently amended) The method of claim 4 wherein

the compound corresponds to sub-formula (I)₁ or (I)₂ in which X is S , the compound corresponds to formula (I)₃ in which Y is O or the compound corresponds to sub-formula (I)₄;

A represents the radical is

either the

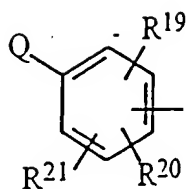


radical in which R^4 , R^5 , R^6 , R^7 and R^8 represent, independently, a hydrogen atom, or an alkyl or alkoxy radical,

R^9 represents a hydrogen atom,

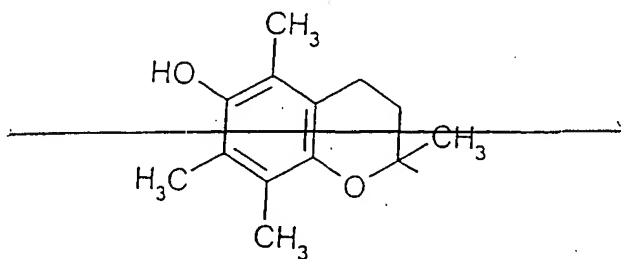
and W doesn't exist, or represents a bond, O or S ,

- or the



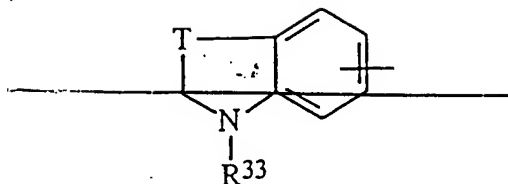
radical in which Q represents is OH, two of the R^{19} , R^{20} and R^{21} are radicals represent the radicals chosen independently from the selected from the group consisting of alkyl, alkoxy, alkylthio, amino, alkylamino ~~or~~ and dialkylamino radicals and the third represents a radical chosen from a is selected from the group consisting of hydrogen, atom and the alkyl, alkoxy, alkylthio, amino, alkylamino ~~or~~ and dialkylamino radicals, or in which Q represents a is phenyl radical substituted by an OH radical and at least one or more radicals chosen independently from a member selected from the group consisting of halogen, atom and an OH, alkyl, alkoxy ~~or~~ and $-NR^{10}R^{11}$, radical in which R^{10} and R^{11} are independently represent a hydrogen atom or an alkyl radical,

~~or also the~~



radical

~~or finally the~~



radical in which T represents CH_2 and R^{33} represents a hydrogen atom, an aminoalkyl, alkylaminoalkyl or dialkylaminoalkyl radical;

~~B represents H;~~

~~n represents 0 or 1;~~

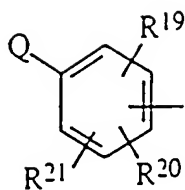
~~R^1 and R^2 both represent H;~~

~~Ω preferably represents:~~

~~an $\text{NR}^{46}\text{R}^{47}$ radical such that $\text{NR}^{46}\text{R}^{47}$ represents the piperidiny1 or N-piperazinyl radical optionally N-substituted by an alkyl radical or in which one of $\text{R}^{46}\text{R}^{47}$ represents H or a hydroxyalkyl, alkynyl or cyanoalkyl radical and the other represents H or an alkyl radical,~~

~~or the OR^{48} radical in which R^{48} represents a hydrogen atom or an alkyl, alkynyl or cyanoalkyl radical.~~

Claim 6 (currently amended) The method of claim 5 wherein A is

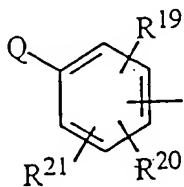


in which Q is OH, two of the R¹⁹, R²⁰ and R²¹ are alkyl and the third is H,
or ~~in which~~ Q is phenyl substituted by OH and at least one alkyl.

Claims 7-13 (cancelled)

Claim 14 (currently amended) The method of claim 1 wherein Het is ~~such that the~~
~~compounds of general formula (I) correspond to one of general sub-formulae (I)₁ and (I)₂~~
~~in which X represents NH or S or general sub-formula (I)₃ in which Y represents~~ is O;

A represents a is



~~radical~~ in which Q ~~represents~~ is OH, two of the R¹⁹, R²⁰ and R²¹ ~~radicals represent an~~ are
alkyl ~~radical~~ and the third ~~represents a~~ is hydrogen atom,

or in which Q ~~represents a~~ is phenyl radical substituted by an OH radical and at least one or more radicals chosen independently from alkyl radicals;

B ~~represents a~~ is hydrogen atom;

n represents is 0 or 1;

R¹ and R² both ~~represent a~~ are hydrogen atom;

and Ω ~~represents an~~ is NR⁴⁶R⁴⁷ radical in which R⁴⁶ ~~represents a~~ is selected from the group consisting of hydrogen, atom or an alkyl, alkynyl, hydroxyalkyl or and cyanoalkyl radical and R⁴⁷ ~~represents a~~ is hydrogen atom or an alkyl radical or also R⁴⁶ and R⁴⁷ form together with the nitrogen atom which carries them a non-aromatic heterocycle with 5 to 7 ring members, the additional members ~~being chosen from~~ are -CH₂- and or -NH-;

in order to prepare a medicament intended to inhibit the MAO's and lipidic peroxidation and to modulate sodium channels.

Claim 15 (previously presented) The method of claim 14, wherein the compound is selected from the group consisting of

- 4-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-N-methyl-2-thiazolemethanamine;
 - 2-[(4-[3,5-di(tert-butyl)-4-hydroxyphenyl]-1,3-thiazol-2-yl)methyl](methylamino)acetonitrile;
 - 2,6-di(tert-butyl)-4-(2-[(2-hydroxyethyl)(methylamino)methyl]-1,3-thiazol-4-yl)phenol;
 - 4-[(4-(3,5-ditert-butyl-4-hydroxyphenyl)-1,3-thiazol-2-yl)methyl](methylamino)butanenitrile;
 - 2,6-ditert-butyl-4-(4-{2-[methyl(2-propynyl)amino]ethyl}-1,3-oxazol-2-yl)phenol;
 - 3-[(2-[2-(3,5-ditert-butyl-4-hydroxyphenyl)-1,3-oxazol-4-yl]ethyl)(methylamino)propanenitrile;
 - 2,6-ditert-butyl-4-{4-[2-(1-piperazinyl)ethyl]-1,3-oxazol-2-yl}phenol;
- and a pharmaceutically acceptable salt thereof.

Claims 16-21 (cancelled)

Claim 22 (new) The method of claim 1 wherein the compound is selected from the group consisting of 2-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-4-oxazoleethanol, 2,6-ditert-butyl-4-(4-{2-[methyl(2-propynyl)amino]ethyl}-1,3-oxazol-2-yl)phenol, [2-[2-(3,5-ditert-butyl-4-hydroxyphenyl)-1,3-oxazol-4-yl]ethyl](methylamino)acetonitrile, 3-[(2-[2-(3,5-ditert-butyl-4-hydroxyphenyl)-1,3-oxazol-4-yl]ethyl)(methylamino)propanenitrile, 2,6-ditert-butyl-4-{4-[2-(1-piperazinyl)ethyl]-1,3-oxazol-2-yl}phenol hydrochloride, 2,6-ditert-butyl-4-[4-(hydroxymethyl)-1,3-thiazol-2-yl]phenol and 2,6-ditert-butyl-4-{4-[(methylamino)methyl]-1,3-thiazol-2-yl}phenol hydrochloride.

Claim 23 (new) The method of claim 1 used for treating disorders of the central or peripheral nervous system.

Claim 24 (new) The method of claim 23 wherein the disorder is selected from the group consisting of Parkinson's disease, Alzheimer's disease, Huntington's chorea, amyotrophic lateral sclerosis and peripheral neuropathies.

Claim 25 (new) The method of claim 23 wherein the disorder is pain.